

DATA SHEET

PremierPlus SystemFit

UNVENTED HOT WATER CYLINDER

PremierPlus SystemFit provides all the benefits of our standard PremierPlus unvented cylinder, with the addition of factory-fitted plumbing and wiring, making it ready for installation with a heat only boiler. This saves on-site installation time, providing a tidier and more compact heating system.



| | | | |
|-----------------|--------------------------|-------------------|------------------|
| 50 mm | 120-300 Litres | 3.5 bar | 3kW |
| INSULATION | NOMINAL CAPACITIES | WORKING PRESSURE | IMMERSION HEATER |

FEATURES

Fully plumbed and wired system components

50mm insulation

Domestic hot water expansion vessel supplied

High grade duplex stainless steel

Suitable for use with heat only boilers

BENEFITS

Consistent neat appearance, reduced installation time

Low heat loss from the cylinder

12, 18, 24 litres depending on capacity

High corrosion resistance for long life

Provides flexible installation capability

PremierPlus SystemFit

UNVENTED HOT WATER CYLINDER

TECHNICAL SPECIFICATION

| Model | 120SF | 150SF | 170SF | 210SF | 250SF | 300SF |
|-----------------------------|------------|------------|------------|------------|------------|------------|
| Product Code | 94:050:300 | 94:050:301 | 94:050:302 | 94:050:303 | 94:050:304 | 94:050:305 |
| Nominal Capacity (litres) | 120 | 150 | 170 | 210 | 250 | 300 |
| Weight empty (kg) | 39 | 43 | 45 | 53 | 62 | 72 |
| Weight full (kg) | 159 | 196 | 215 | 263 | 312 | 372 |
| Standing heat loss (kWh/24) | 1.25 | 1.45 | 1.63 | 1.91 | 2.03 | 2.36 |
| Heat up time | 24 | 29 | 30 | 34 | 42 | 49 |

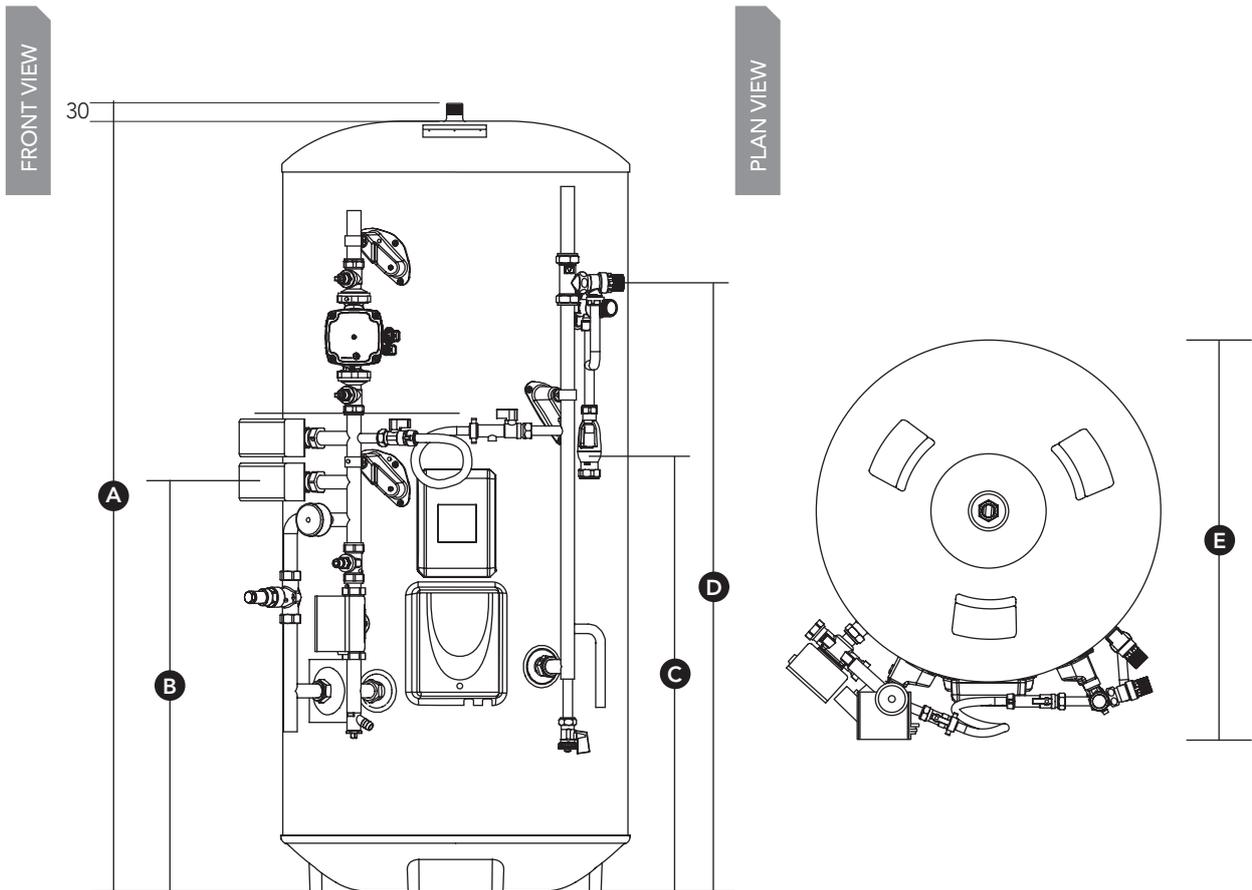
ERP TECHNICAL DATA

| | | | | | | |
|-------------------------|------|------|------|------|------|------|
| Energy efficiency class | B | C | C | C | C | C |
| Standing loss (W) | 52.1 | 60.4 | 67.9 | 79.6 | 84.6 | 98.3 |

DIMENSIONS

| Model | 120SF | 150SF | 170SF | 210SF | 250SF | 300SF |
|-------------------|-------|-------|-------|-------|-------|-------|
| A Height (mm)* | 936 | 1119 | 1245 | 1503 | 1755 | 2069 |
| B T&P Valve (mm) | 382 | 563 | 691 | 952 | 1139 | 1460 |
| C Tundish (mm) | 728 | 917 | 1039 | 1300 | 1460 | 1805 |
| D Zone Valve (mm) | 650 | 650 | 650 | 650 | 650 | 650 |
| E Depth (mm) | 697 | 697 | 697 | 697 | 697 | 697 |

*Top of pump extends 95mm above this height.



EU Directives:

- Pressure Equipment Directive 97/23/EC.
- Low Voltage Directive (LVD) 2014/30/EU.
- Electromagnetic Compatibility (EMC) Directive 2014/35/EU.
- RoHS (Restriction of use of certain Hazardous Substances) Directive 2011/65/EU

Legislation:

- Building Regulations Part G and Part L (England and Wales).
- Scottish Building Standards Section 4 and Section 6.
- Building Regulations (Northern Ireland) Parts F1 and F2 and Part P.
- Water Supply (Water Fittings) Regulations (England and Wales).
- The Water Byelaws 2004 (Scotland).
- Water Supply (Water Fittings) Regulations (Northern Ireland).

Standards:

- Relevant clauses of the following standards are complied with:
- EN 12897 – Specification for indirectly heated unvented cylinders.
- EN 60335-1 Safety-Particular requirements for storage water heaters.
- EN 60335-2 Safety-Particular requirements for storage water heaters.

The stainless steel materials used comply with the relevant clauses of:

- EN 10088 – Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes.

Components supplied comply with the following standards:

- BS EN 1490 Building Valves – Combined Temperature and Pressure Relief Valves.
- BS EN 1491 Building Valves – Expansion Valves.
- BS 6144 Specification for Expansion Vessels Using An Internal Diaphragm

For Unvented Water Supply Systems.

- BS EN 1567 Building Valves – Water Pressure Reducing Valves and Combination

Reducing Valves.

- BS EN 60730-1 Automatic Electrical Controls – For households and similar use.

Part 1: General Requirements.

- BS EN 60730-2-8 Automatic Electrical Controls - Particular Requirements for Electrically Operated Water Valves.
- BS EN 13959 Anti-pollution Check Valves.

The use of these water heaters will aid in compliance with:

- Health and Safety Executive Approved Code of Practice L8: The control of legionella bacteria in water systems.
- BS EN 806 Parts 1 to 5: Specification for installations inside buildings conveying water for human consumption.
- BS 8558 Guide to the design, installation, testing and maintenance of services supplying water for domestic use within buildings.
- Chartered Institute of Building Services Engineers Guide B and Guide F.

Manufactured in a factory approved to:

- BS EN ISO 9001
- OHSAS 18001
- ISO 14001
- ISO 50001

PremierPlus SystemFit approvals:

- Kiwa Certification Number: 1207700
- Nemko Certification Number: P12215506



For more information
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Please recycle this product once you have finished with it

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